Index of Claims

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10/674,463

Examiner

Michael Apanius

Applicant(s)/Patent under Reexamination

KAUFFMANN ET AL.

Art Unit

3736

Rejected Allowed

(Through numeral) Cancelled

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Restricted

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| _ | Interference |

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|--------------|----------|---------------------|--|-------------------------------------|--|--|--------------|--|--------------|----------|---|----------|----------|----------|------------------------------|--------------|--------------|--|---------------|----------|
| Cla          | im       | Г                   | -  |                                     |  | Date   | e .          |  |              |          |   | Cla      | aim      |          |                              |              | Г            | Date   |               | _        |
| -01e         |          |                     |  |                                     | $\Box$   | 731  | Ĭ            | Γ  | г            | _        |   | 016      |          |          |                              |              |              | -  | $\overline{}$ |          |
| <del> </del> | Original | 9                   |  |                                     |  | i  |              |  |              |          |   | <u>5</u> | Original |          |                              |              |              | l  |               |          |
| Final        | rig      | 2/14/06             |  |                                     |  |  |              |  |              | l        |   | Final    | Ē        |          |                              |              |              |  |               |          |
| -            | 0        | 2                   |  | İ                                   |  |  | İ            |  |              |          |   | _        | 0        |          |                              |              |              | 1  |               |          |
| -            | 1        | +                   |  |                                     | _  | Т  |              | <del>                                     </del> |              |          |   |          | 51       |          |                              |              |              | _  |               | Г        |
|              |          | <b>小</b>            |  |                                     | П  |  |              |  |              |          |   |          | 52       |          |                              |              |              |  |               | Г        |
|              | 3 4      | Π                   |  |                                     |  | $\Box$   |              |  |              |          |   |          | 53       |          |                              |              |              |  |               | Г        |
|              | 4        | П                   |  |                                     |  |  |              |  |              |          |   |          | 54       |          |                              |              |              |  |               |          |
|              | 5        | $\prod$             |  |                                     |  |  |              |  |              |          |   |          | 55       |          |                              |              |              |  |               |          |
|              | 6        | Ш                   |  |                                     |  |  |              |  |              |          |   |          | 56       |          |                              |              |              |  |               |          |
|              | 7        | Ш                   |  | L                                   | L  | <u> </u>   |              |  |              |          |   |          | 57       |          |                              |              |              | _  |               | _        |
| <u></u>      | 8        | Ш                   | L.   | L                                   |  | L  | _            |  |              | _        |   |          | 58       |          | Ш                            |              |              |  |               | L        |
|              | 9        | Ш                   |  |                                     | ┖  | ļ.,  | L            | _  |              |          |   |          | 59       |          | L.,                          |              |              | _  |               | L        |
| <u></u>      | 10       | Ц                   | L  |                                     | _  | _  | L            | <u></u>  | <u> </u>     | _        |   |          | 60       |          | ш                            |              |              | <u> </u>   |               | L        |
| <u></u>      | 11       | Н                   |  |                                     | _  | <u> </u>   | <u> </u>     | _  |              | <u> </u> |   |          | 61       |          | ļ                            | <u> </u>     |              | <u> </u>   | _             | ▙        |
|              | 12       | $oldsymbol{\sqcup}$ | <u> </u>   | <u> </u>                            |  | <del> </del>                                     | <u> </u>     | 1_   | <u> </u>     | <u> </u> |   |          | 62       |          |                              | _            | _            | _  | L             | ⊢        |
|              | 13       | ₩                   | <u> </u>   |                                     | ⊢  | $\vdash$   | <u> </u>     | <b>├</b> ─                                       |              | <u> </u> |   |          | 63       |          |                              | -            |              | -  | $\vdash$      | $\vdash$ |
|              | 14<br>15 | ₩                   | $\vdash$   | <u> </u>                            | $\vdash$   | ⊢  | <del> </del> | ├—   |              | $\vdash$ |   |          | 64<br>65 | $\vdash$ | $\vdash$                     |              |              | <u> </u>   | ⊢             | $\vdash$ |
|              | 16       | Н                   | $\vdash$   | _                                   | ├-   | <del> </del>                                     | -            |  | ⊢            |          |   |          | 66       |          |                              | -            |              |  | ⊢             | ├        |
|              | 17       | ₩                   | ⊢  | -                                   | ⊢  | ⊢  | ├            | <del> </del> —                                   |              | H        |   |          | 67       |          |                              |              |              |  | $\vdash$      | ┢        |
|              | 18       | ₩                   | ⊢  | ⊢                                   | ├─   | ├  |              |  | ├            | ⊢        |   |          | 68       |          | -                            | _            | $\vdash$     |  | ⊢             | ╁        |
| -            | 19       | ₩                   | ┢  | ┝                                   | ├  | ┢  |              | H  | ╁            | $\vdash$ |   |          | 69       | -        | $\vdash$                     | _            | $\vdash$     |  | $\vdash$      | ╁╴       |
| -            | 20       | ╁                   | ⊢  | -                                   | ⊢  | ╁  | <del> </del> | $\vdash$   | ┢            |          |   |          | 70       |          | -                            |              | -            |  | $\vdash$      | $\vdash$ |
| -            | 21       | H                   | <del>                                     </del> | ├                                   | ╁  | <del>                                     </del> |              | -  | ├┈           | ├        |   |          | 71       |          | _                            | ├            |              |  | $\vdash$      | H        |
| <del> </del> | 22       | ╫                   |  |                                     | ╁  | ┢  | ├            | ├  | ┼╌           | -        |   |          | 72       |          | Н                            |              | -            | -  | H             | $\vdash$ |
|              | 23       | ╫                   | <del>                                     </del> |                                     | ╁  |  |              | $\vdash$   | ┢            |          |   |          | 73       | $\vdash$ |                              | <u> </u>     |              |  |               | H        |
|              | 24       | ╫                   |  |                                     | <del>                                     </del> | <del>                                     </del> |              |  | t            | -        |   |          | 74       | -        | П                            | $\vdash$     | $\vdash$     | ┢  | $\vdash$      | -        |
|              | 25       | 11                  |  |                                     | $\vdash$   | $\vdash$   |              | $\vdash$   | 1            |          |   |          | 75       |          | П                            |              | 1            |  |               | Г        |
|              | 26       | $\top$              |  |                                     |  |  |              | Ī  |              |          |   |          | 76       |          | П                            |              |              |  |               | Γ        |
|              | 27       |                     |  |                                     |  |  |              | Г  | T            | Г        |   |          | 77       |          | П                            |              |              | Π  |               | Г        |
|              | 28       | П                   |  |                                     |  |  | Π            |  |              |          |   |          | 78       |          |                              |              |              |  |               | Г        |
|              | 29       |                     |  |                                     |  |  |              |  |              |          |   |          | 79       |          |                              |              |              |  |               |          |
|              | 30       | $\prod$             |  |                                     |  |  |              |  |              |          |   |          | 80       |          |                              |              |              |  |               |          |
|              | 31       | П                   |  |                                     |  |  |              |  |              |          |   |          | 81       |          |                              | _            | L            |  |               |          |
|              | 32       |                     |  |                                     |  |  | <u></u>      | 匚  | L            |          |   |          | 82       |          | $\square$                    | L            | L.,          | _  | _             | L        |
|              | 33       | Ш                   |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{f eta}$                                | <u> </u>   |              | oxdot  |              |          |   |          | 83       | Ш        | Ш                            | <u> </u>     | Щ            | <u> _</u>  | <u> </u>      | L        |
| <u></u>      | 34       | Ш                   | <u> </u>   | <u> </u>                            | <u> </u>   | <u> </u>   |              | <u> </u>   | _            | <u> </u> |   |          | 84       | <u> </u> | $ldsymbol{ldsymbol{\sqcup}}$ | <u> </u>     | <u> </u>     | _  | <u> </u>      | L        |
|              | 35       | 1                   | ļ  | <u> </u>                            | $\vdash$   | $\vdash$   | _            | <u> </u>   |              | <u> </u> |   | ļ        | 85       | $\vdash$ | ⊨                            | _            | L            | <u> </u>   | <u> </u>      | 1        |
|              | 36       | H                   | <u> </u>   | <u> </u>                            | $\vdash$   | <u> </u>   |              | <u> </u>   | <del> </del> | <u> </u> |   |          | 86       | $\vdash$ | $\vdash$                     | <u> </u>     | $\vdash$     | -  | <del> </del>  | ╀        |
|              | 37       | ₩                   | <u> </u>   | ⊢                                   | $\vdash$   | ├-   | <u> </u>     | -  | <del> </del> | <u> </u> |   |          | 87       | $\vdash$ | H                            | ├            | ⊢-           | <u> </u>   |               | -        |
| <u> </u>     | 38       | $\vdash$            | <u> </u>   | <del> </del>                        | ├  | $\vdash$   | ├            | ├  | ├-           | ├        |   |          | 88<br>89 | <u> </u> |                              | <del> </del> | <del> </del> | -  | -             | ├        |
|              | 39       | ╁                   |  | ├-                                  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$ |   | ļ        | 90       | $\vdash$ | H                            | <u> </u>     | ⊢            | -  | ⊢             | $\vdash$ |
| -            | 40       | ╟                   | <del> </del> —                                   | ⊢                                   | <del> </del>                                     | ├  | -            | <del>                                     </del> | $\vdash$     | $\vdash$ |   |          | 91       |          | <del> </del>                 | -            | <del> </del> | $\vdash$   | $\vdash$      | $\vdash$ |
|              | 42       | ╫                   |  | $\vdash$                            | $\vdash$   | $\vdash$   |              | $\vdash$   | $\vdash$     | $\vdash$ |   |          | 92       | -        | H                            | ┢            | $\vdash$     | ┢  | <del> </del>  | $\vdash$ |
|              | 43       | ╁                   | -  | ┢                                   | ╁─╴  | <del>  -</del>                                   | $\vdash$     | ╫  | $\vdash$     | $\vdash$ |   |          | 93       | $\vdash$ |                              | -            | $\vdash$     | $\vdash$   | $\vdash$      | $\vdash$ |
|              | 44       | 4                   | 1  | -                                   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   |              | $\vdash$ |   |          | 94       | -        | Н                            | H            |              | ┢  | $t^-$         | $\vdash$ |
|              | 45       | ¥                   | 1  | ┢                                   | t  | 一  |              | -  | +            | ┢        | [ |          | 95       | Н        | П                            |              | -            | <del>                                     </del> | $\vdash$      | T        |
|              | 46       | 1                   | $\vdash$   | $\vdash$                            | <del>                                     </del> | $\vdash$   | $\vdash$     | <del>                                     </del> | T            | Т        | 1 |          | 96       |          |                              | <u> </u>     |              | T  |               | Г        |
|              | 47       |                     | -  | <u> </u>                            | t  | T  |              | Ħ  | T            | $\vdash$ |   |          | 97       |          |                              | T            | Г            | Ι-   | <u> </u>      | Г        |
|              | 48       |                     |  | Г                                   | t  | <del>                                     </del> | t            | $\vdash$   | <u> </u>     | 1        | 1 |          | 98       | Г        | Г                            | <u> </u>     |              | Т  | T-            | Τ        |
|              | 49       | Ι_                  |  | Г                                   |  | П  |              | 1  |              |          | 1 |          | 99       |          |                              |              | Г            | Ι-   |               | Г        |
|              | 50       | Γ                   | Г  | Г                                   | Г  | $\Box$   |              | Ι  |              | Г        | ĺ |          | 100      |          | П                            | Γ            | $\vdash$     |  |               | Γ        |
|              |          |                     |  |                                     | _  | _  | _            | •  | •            |          | • |          | •        | •        | _                            |              | •            | _  |               | _        |

| Cla      | Date   |          |  |                                     |          |              |          |                    |           |          |  |
|----------|--|----------|--|-------------------------------------|----------|--------------|----------|--------------------|-----------|----------|--|
|          |  |          |  |                                     |          |              |          |                    |           |          |  |
| <u></u>  | na   |          |  |                                     |          |              |          |                    |           |          |  |
| Final    | Original   |          |  |                                     |          |              |          |                    |           |          |  |
| -        | 0  |          |  |                                     |          |              |          |                    |           |          |  |
| $\vdash$ | 51   | _        | -  |                                     | -        |              | -        |                    |           | _        |  |
|          | 52   |          | -  |                                     | $\vdash$ | _            |          | H                  | _         | _        |  |
|          | 51<br>52<br>53   | _        |  |                                     |          | _            |          | -                  | _         | -        |  |
|          | 54   | $\vdash$ | Ь.   | -                                   |          | _            | _        |                    |           | -        |  |
|          | 54<br>55   | $\vdash$ |  |                                     | -        |              |          | -                  | -         |          |  |
|          | 56   |          |  | _                                   |          |              |          |                    |           |          |  |
| -        | 57   | -        |  | _                                   | -        |              | -        |                    |           | -        |  |
|          | 50   |          |  | $\vdash$                            |          | _            | _        |                    |           |          |  |
|          | 58<br>59   | -        | _  | _                                   |          |              | _        |                    |           |          |  |
|          | 60   | _        |  | _                                   | _        | _            |          |                    | _         | _        |  |
|          | 61   |          |  |                                     |          |              |          |                    | _         |          |  |
| -        | 61<br>62   |          |  | $\vdash$                            |          |              |          |                    | $\vdash$  |          |  |
|          | 62   |          | -  |                                     | H        |              | ⊢        | $\vdash$           | <b></b> - | <u> </u> |  |
| $\vdash$ | 63<br>64<br>65   | <u> </u> | <u> </u>   | -                                   |          |              |          | H                  | $\vdash$  | <u> </u> |  |
|          | 04   | $\vdash$ | $\vdash$   | <del> </del>                        |          | ļ            | -        |                    | $\vdash$  | <u> </u> |  |
| <u> </u> | 65   |          |  | -                                   |          |              | <u> </u> |                    | _         |          |  |
|          | 66<br>67   |          |  | <b> </b> -                          | -        |              |          | <u> </u>           |           |          |  |
|          | 67   | <u> </u> |  | <u> </u>                            | <u> </u> |              | ldash    |                    |           | <u> </u> |  |
|          | 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 | _        | <u> </u>   | _                                   | <u> </u> |              | ldash    |                    |           | <u> </u> |  |
|          | 69   |          | <u> </u>   |                                     |          | _            | _        | _                  |           | _        |  |
|          | 70   | _        | <u> </u>   | <u> </u>                            |          |              |          |                    |           | _        |  |
|          | 71   |          | _  | <u> </u>                            |          |              | <u> </u> | L                  |           |          |  |
|          | 72   | _        | <u> </u>   | <u> </u>                            | L        |              |          |                    |           | _        |  |
|          | 73   | <u> </u> |  |                                     | _        |              |          |                    |           | <u> </u> |  |
|          | 74   |          |  |                                     |          |              |          |                    |           |          |  |
|          | 75   |          |  |                                     |          |              | L        |                    |           |          |  |
|          | 76   |          | $ldsymbol{ld}}}}}}$ | L_                                  | L        | <u> </u>     | _        |                    |           |          |  |
|          | 77   |          | L  | <u> </u>                            |          |              |          | _                  |           |          |  |
| <u></u>  | 78   |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | $oxed{oxed}$ | _        | L                  |           | <u> </u> |  |
|          | 79   | <u> </u> | <u> </u>   |                                     |          | <u>L</u>     |          | <u> </u>           | <u> </u>  |          |  |
|          | 80   | L        | <u> </u>   | <u> </u>                            |          |              |          |                    | _         | <u></u>  |  |
| L        | 81   |          | L  | <u>_</u>                            | <u> </u> |              |          |                    | _         | <u> </u> |  |
|          | 82<br>83   |          |  | L                                   | <u> </u> |              | _        |                    |           |          |  |
| L        | 83   |          |  | <u> </u>                            | L        | _            |          | _                  | L         |          |  |
| L        | 84   |          |  |                                     |          |              |          |                    |           |          |  |
|          | 85<br>86   |          |  |                                     |          | <u> </u>     |          |                    |           |          |  |
|          | 86   |          | L  |                                     | $\Box$   |              |          |                    |           |          |  |
|          | 87   |          |  |                                     |          |              |          |                    |           |          |  |
|          | 88   |          |  |                                     |          |              |          | L                  |           |          |  |
|          | 89   |          |  | oxdot                               | oxdot    | _            |          |                    |           |          |  |
|          | 90   |          |  | _                                   |          | oxdot        |          | $oxedsymbol{oxed}$ |           |          |  |
|          | 91   |          |  |                                     |          |              |          |                    |           | <u> </u> |  |
|          | 92   | $\Box$   |  |                                     |          |              |          |                    |           |          |  |
|          | 93   |          | Ĺ  |                                     |          |              |          | Ĺ                  | Ĺ         |          |  |
|          | 94   | Ĺ        |  |                                     | L        | L            |          |                    | L         |          |  |
|          | 95   |          |  |                                     |          |              |          |                    |           |          |  |
|          | 96   |          |  |                                     |          |              |          |                    |           |          |  |
|          | 97   |          |  |                                     |          |              |          |                    |           | Г        |  |
|          | 98   |          |  |                                     |          |              |          | Π                  |           |          |  |
|          | 99   |          |  |                                     |          |              |          |                    | Г         |          |  |
|          | 100  |          | ı  | Γ                                   | Γ        |              |          | Ī                  | Γ         | Г        |  |

| Cla   | aim                                    |  |                   |  |  | Date         |  |              |  | $\neg$          |
|-------|--|--|-------------------|--|--|--------------|--|--------------|--|-----------------|
|       |  |  |                   |  |  |              |  |              |  |                 |
| Final | Original                               |  |                   |  |  |              |  |              |  |                 |
| ίΞ    | Oric                                   |  |                   |  |  |              |  |              |  |                 |
|       |  |  |                   |  |  |              |  |              |  | Ш               |
|       | 101<br>102<br>103                      |  |                   | _  |  |              |  |              |  | Щ               |
|       | 102                                    |  |                   |  |  |              |  |              |  |                 |
|       | 103                                    |  |                   | _  |  | _            | _  | _            |  | Н               |
|       | 104<br>105                             |  |                   | -  |  | -            | -  |              |  | _               |
|       | 105                                    |  | _                 |  |  | _            |  |              |  |                 |
|       | 107                                    |  |                   |  | -  | -            |  |              |  | -               |
|       | 108                                    | $\vdash$   |                   | $\vdash$   |  | _            | _  | _            |  |                 |
|       | 108<br>109                             | -  |                   |  | <del>-</del>                                     |              |  | -            |  |                 |
|       | 110                                    |  |                   |  |  |              | _  |              |  |                 |
|       | 110<br>111                             |  |                   |  | $\vdash$   | _            |  |              |  | $\sqcap$        |
|       | 112                                    | П  |                   |  | <u> </u>   |              |  | П            |  |                 |
|       | 112<br>113                             |  |                   |  |  |              |  |              |  |                 |
|       | 114                                    |  |                   |  |  |              |  |              |  |                 |
|       | 115                                    |  |                   |  |  |              |  |              |  |                 |
|       | 116                                    |  |                   |  |  |              |  |              |  |                 |
|       | 115<br>116<br>117                      |  |                   |  |  |              | _  |              |  | Щ               |
|       | 118<br>119                             | _  |                   |  |  |              | L  |              | _  | Ш               |
|       | 119                                    | L  | $oxed{oxed}$      | ᆫ  | L  | _            |  |              |  |                 |
|       | 120                                    |  | _                 | <u> </u>   |  |              | _  |              |  | $\vdash$        |
|       | 121                                    |  |                   | <u> </u>   | <u> </u>   |              | <u> </u>   |              | <u> </u>   | Н               |
|       | 122                                    | <u> </u>   |                   | -  | <u> </u>   | <u> </u>     | _  | -            | _  | Н               |
|       | 123                                    | -  |                   | -  | _  | -            | ┝  | _            | _  | Н               |
|       | 120<br>121<br>122<br>123<br>124<br>125 | -  |                   | $\vdash$   | $\vdash$   | -            |  | -            | -  | Н               |
|       | 126                                    |  |                   | <del> </del>                                     | $\vdash$   |              |  | $\vdash$     |  | $\vdash$        |
|       | 126<br>127<br>128<br>129<br>130<br>131 | -  |                   | $\vdash$   | $\vdash$   | ┢╌           | -  |              | <del> </del>                                     | Н               |
|       | 128                                    |  |                   |  | $\vdash$   | -            | <del>                                     </del> |              |  | П               |
| -     | 129                                    |  |                   | $\vdash$   |  |              |  |              |  | П               |
| ·     | 130                                    |  | _                 |  |  |              |  |              |  | П               |
|       | 131                                    |  |                   | -  |  |              |  |              |  |                 |
|       | 132<br>133                             |  |                   |  |  |              |  |              |  |                 |
|       | 133                                    |  |                   |  |  |              |  |              |  |                 |
|       | 134<br>135                             |  | _                 |  |  | <u> </u>     | _  |              | <u> </u>   | Ш               |
|       | 135                                    | _  |                   | <u> </u>   | <u> </u>   | <u> </u>     | _  | <u> </u>     | <u> </u>   | Ш               |
|       | 136                                    |  | $ldsymbol{f eta}$ | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>   | <b> </b>     | <u> </u>   | Щ               |
|       | 137<br>138                             | -  | _                 | ļ  | $\vdash$   | $\vdash$     | $\vdash$   |              | <u> </u>   | <b> </b>        |
| L     | 138                                    | -  | _                 | $\vdash$   | ⊢  | <del> </del> | $\vdash$   | <del> </del> | <del> </del>                                     | Н               |
|       | 140                                    | <del> -</del>                                    | <del> </del>      | $\vdash$   |  | -            | $\vdash$   | $\vdash$     | -  |                 |
|       | 141                                    | ├  | <del>  -</del>    |  | -  | ├            | $\vdash$   | -            | $\vdash$   | Н               |
|       | 142                                    | ┢  |                   | ╢  | -  | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$        |
|       | 143                                    | -  | $\vdash$          | $\vdash$   | -  | ╁            | $\vdash$   | $\vdash$     |  | $\vdash$        |
|       | 144                                    | <del>                                     </del> | $\vdash$          | ┰  | <del>                                     </del> | $\vdash$     | H  |              | $\vdash$   | $\vdash \vdash$ |
|       | 145                                    |  | ┢                 | ┪  | <del>                                     </del> | $\vdash$     | Н  | 1            | <del>                                     </del> | H               |
|       | 146                                    | _  | $\vdash$          | <del>                                     </del> | 一  | $\vdash$     |  | Г            | T  | H               |
|       | 147                                    | Т  |                   | 一  | t  | Г            | T  | T            | I  | $\Box$          |
|       | 148                                    |  |                   |  |  |              |  |              | T  | П               |
|       | 149                                    |  |                   |  |  |              |  |              |  |                 |
|       | 150                                    |  |                   |  |  |              |  |              |  |                 |
|       |  |  |                   | _  |  |              |  |              |  |                 |